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PATENT APPLICATION FEE DETERMINATION RECORD
Substitute for Form PTO-676Application Number
1101570-166

APPLICATION AS FILED - PART I			OTHER THAN SMALL ENTITY	
(Column 1)		(Column 2)	(Column 3)	
FOR	NUMBER FILED	NUMBER EXTRA	RATE (\$)	FEES (\$)
BASIC FEE (37 CFR 1.16(h), (i), (j), (k))	N/A	N/A	N/A	300
SEARCH FEE (37 CFR 1.16(i), (j), or (m))	N/A	N/A	N/A	200
EXAMINATION FEE (37 CFR 1.16(g), (h), or (j))	N/A	N/A	N/A	400
TOTAL CLAIMS (37 CFR 1.16(j))	minus 20 =		X	
INDEPENDENT CLAIMS (37 CFR 1.16(h))	minus 3 =		X	
APPLICATION SIZE FEE (37 CFR 1.16(i))	If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).			X 50 = 250
MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(j))			TOTAL 1100	

* If the difference in column 1 is less than zero, enter "0" in column 2.

APPLICATION AS AMENDED - PART II

AMENDMENT A			OTHER THAN SMALL ENTITY	
(Column 1)		(Column 2)	(Column 3)	(Column 4)
AMENDMENT A	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRES- ENT EXTRA	RATE (\$)
Total (37 CFR 1.16(j))	24	minus	24	ADDI- TIONAL FEE (\$)
Independent (37 CFR 1.16(j))		minus		X
Application Size Fee (37 CFR 1.16(i))				X
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))				N/A
AMENDMENT B			TOTAL ADD'L FEE	
(Column 1)			(Column 2)	
AMENDMENT B			(Column 2)	(Column 3)
AMENDMENT B	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRES- ENT EXTRA	RATE (\$)
Total (37 CFR 1.16(j))	minus	**	=	ADDI- TIONAL FEE (\$)
Independent (37 CFR 1.16(j))	minus	***	=	X
Application Size Fee (37 CFR 1.16(i))				X
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))				N/A
AMENDMENT C			TOTAL ADD'L FEE	
(Column 1)			(Column 2)	
AMENDMENT C			(Column 2)	(Column 3)
AMENDMENT C	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRES- ENT EXTRA	RATE (\$)
Total (37 CFR 1.16(j))	minus	**	=	ADDI- TIONAL FEE (\$)
Independent (37 CFR 1.16(j))	minus	***	=	X
Application Size Fee (37 CFR 1.16(i))				X
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))				N/A
AMENDMENT D			TOTAL ADD'L FEE	
(Column 1)			(Column 2)	
AMENDMENT D			(Column 2)	(Column 3)
AMENDMENT D	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRES- ENT EXTRA	RATE (\$)
Total (37 CFR 1.16(j))	minus	**	=	ADDI- TIONAL FEE (\$)
Independent (37 CFR 1.16(j))	minus	***	=	X
Application Size Fee (37 CFR 1.16(i))				X
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))				N/A
AMENDMENT E			TOTAL ADD'L FEE	
(Column 1)			(Column 2)	
AMENDMENT E			(Column 2)	(Column 3)
AMENDMENT E	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRES- ENT EXTRA	RATE (\$)
Total (37 CFR 1.16(j))	minus	**	=	ADDI- TIONAL FEE (\$)
Independent (37 CFR 1.16(j))	minus	***	=	X
Application Size Fee (37 CFR 1.16(i))				X
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))				N/A
AMENDMENT F			TOTAL ADD'L FEE	
(Column 1)			(Column 2)	
AMENDMENT F			(Column 2)	(Column 3)
AMENDMENT F	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRES- ENT EXTRA	RATE (\$)
Total (37 CFR 1.16(j))	minus	**	=	ADDI- TIONAL FEE (\$)
Independent (37 CFR 1.16(j))	minus	***	=	X
Application Size Fee (37 CFR 1.16(i))				X
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))				N/A
AMENDMENT G			TOTAL ADD'L FEE	
(Column 1)			(Column 2)	
AMENDMENT G			(Column 2)	(Column 3)
AMENDMENT G	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRES- ENT EXTRA	RATE (\$)
Total (37 CFR 1.16(j))	minus	**	=	ADDI- TIONAL FEE (\$)
Independent (37 CFR 1.16(j))	minus	***	=	X
Application Size Fee (37 CFR 1.16(i))				X
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))				N/A
AMENDMENT H			TOTAL ADD'L FEE	
(Column 1)			(Column 2)	
AMENDMENT H			(Column 2)	(Column 3)
AMENDMENT H	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRES- ENT EXTRA	RATE (\$)
Total (37 CFR 1.16(j))	minus	**	=	ADDI- TIONAL FEE (\$)
Independent (37 CFR 1.16(j))	minus	***	=	X
Application Size Fee (37 CFR 1.16(i))				X
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))				N/A
AMENDMENT I			TOTAL ADD'L FEE	
(Column 1)			(Column 2)	
AMENDMENT I			(Column 2)	(Column 3)
AMENDMENT I	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRES- ENT EXTRA	RATE (\$)
Total (37 CFR 1.16(j))	minus	**	=	ADDI- TIONAL FEE (\$)
Independent (37 CFR 1.16(j))	minus	***	=	X
Application Size Fee (37 CFR 1.16(i))				X
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))				N/A
AMENDMENT J			TOTAL ADD'L FEE	
(Column 1)			(Column 2)	
AMENDMENT J			(Column 2)	(Column 3)
AMENDMENT J	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRES- ENT EXTRA	RATE (\$)
Total (37 CFR 1.16(j))	minus	**	=	ADDI- TIONAL FEE (\$)
Independent (37 CFR 1.16(j))	minus	***	=	X
Application Size Fee (37 CFR 1.16(i))				X
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))				N/A
AMENDMENT K			TOTAL ADD'L FEE	
(Column 1)			(Column 2)	
AMENDMENT K			(Column 2)	(Column 3)
AMENDMENT K	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRES- ENT EXTRA	RATE (\$)
Total (37 CFR 1.16(j))	minus	**	=	ADDI- TIONAL FEE (\$)
Independent (37 CFR 1.16(j))	minus	***	=	X
Application Size Fee (37 CFR 1.16(i))				X
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))				N/A
AMENDMENT L			TOTAL ADD'L FEE	
(Column 1)			(Column 2)	
AMENDMENT L			(Column 2)	(Column 3)
AMENDMENT L	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRES- ENT EXTRA	RATE (\$)
Total (37 CFR 1.16(j))	minus	**	=	ADDI- TIONAL FEE (\$)
Independent (37 CFR 1.16(j))	minus	***	=	X
Application Size Fee (37 CFR 1.16(i))				X
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))				N/A
AMENDMENT M			TOTAL ADD'L FEE	
(Column 1)			(Column 2)	
AMENDMENT M			(Column 2)	(Column 3)
AMENDMENT M	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRES- ENT EXTRA	RATE (\$)
Total (37 CFR 1.16(j))	minus	**	=	ADDI- TIONAL FEE (\$)
Independent (37 CFR 1.16(j))	minus	***	=	X
Application Size Fee (37 CFR 1.16(i))				X
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))				N/A
AMENDMENT N			TOTAL ADD'L FEE	
(Column 1)			(Column 2)	
AMENDMENT N			(Column 2)	(Column 3)
AMENDMENT N	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRES- ENT EXTRA	RATE (\$)
Total (37 CFR 1.16(j))	minus	**	=	ADDI- TIONAL FEE (\$)
Independent (37 CFR 1.16(j))	minus	***	=	X
Application Size Fee (37 CFR 1.16(i))				X
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))				N/A
AMENDMENT O			TOTAL ADD'L FEE	
(Column 1)			(Column 2)	
AMENDMENT O			(Column 2)	(Column 3)
AMENDMENT O	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRES- ENT EXTRA	RATE (\$)
Total (37 CFR 1.16(j))	minus	**	=	ADDI- TIONAL FEE (\$)
Independent (37 CFR 1.16(j))	minus	***	=	X
Application Size Fee (37 CFR 1.16(i))				X
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))				N/A
AMENDMENT P			TOTAL ADD'L FEE	
(Column 1)			(Column 2)	
AMENDMENT P			(Column 2)	(Column 3)
AMENDMENT P	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRES- ENT EXTRA	RATE (\$)
Total (37 CFR 1.16(j))	minus	**	=	ADDI- TIONAL FEE (\$)
Independent (37 CFR 1.16(j))	minus	***	=	X
Application Size Fee (37 CFR 1.16(i))				X
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))				N/A
AMENDMENT Q			TOTAL ADD'L FEE	
(Column 1)			(Column 2)	
AMENDMENT Q			(Column 2)	(Column 3)
AMENDMENT Q	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRES- ENT EXTRA	RATE (\$)
Total (37 CFR 1.16(j))	minus	**	=	ADDI- TIONAL FEE (\$)
Independent (37 CFR 1.16(j))	minus	***	=	X
Application Size Fee (37 CFR 1.16(i))				X
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))				N/A
AMENDMENT R			TOTAL ADD'L FEE	
(Column 1)			(Column 2)	
AMENDMENT R			(Column 2)	(Column 3)
AMENDMENT R	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRES- ENT EXTRA	RATE (\$)
Total (37 CFR 1.16(j))	minus	**	=	ADDI- TIONAL FEE (\$)
Independent (37 CFR 1.16(j))	minus	***	=	X
Application Size Fee (37 CFR 1.16(i))				X
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))				N/A
AMENDMENT S			TOTAL ADD'L FEE	
(Column 1)			(Column 2)	
AMENDMENT S			(Column 2)	(Column 3)
AMENDMENT S	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRES- ENT EXTRA	RATE (\$)
Total (37 CFR 1.16(j))	minus	**	=	ADDI- TIONAL FEE (\$)
Independent (37 CFR 1.16(j))	minus	***	=	X
Application Size Fee (37 CFR 1.16(i))				X
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))				N/A
AMENDMENT T			TOTAL ADD'L FEE	
(Column 1)			(Column 2)	
AMENDMENT T			(Column 2)	(Column 3)
AMENDMENT T	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRES- ENT EXTRA	RATE (\$)
Total (37 CFR 1.16(j))	minus	**	=	ADDI- TIONAL FEE (\$)
Independent (37 CFR 1.16(j))	minus	***	=	X
Application Size Fee (37 CFR 1.16(i))				X
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))				N/A
AMENDMENT U			TOTAL ADD'L FEE	
(Column 1)			(Column 2)	
AMENDMENT U			(Column 2)	(Column 3)
AMENDMENT U	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRES- ENT EXTRA	RATE (\$)
Total (37 CFR 1.16(j))	minus	**	=	ADDI- TIONAL FEE (\$)
Independent (37 CFR 1.16(j))	minus	***	=	X
Application Size Fee (37 CFR 1.16(i))				X
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))				N/A
AMENDMENT V			TOTAL ADD'L FEE	
(Column 1)			(Column 2)	
AMENDMENT V			(Column 2)	(Column 3)
AMENDMENT V	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRES- ENT EXTRA	RATE (\$)
Total (37 CFR 1.16(j))	minus	**	=	ADDI- TIONAL FEE (\$)
Independent (37 CFR 1.16(j))	minus	***	=	X
Application Size Fee (37 CFR 1.16(i))				X
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))				N/A
AMENDMENT W			TOTAL ADD'L FEE	
(Column 1)			(Column 2)	
AMENDMENT W			(Column 2)	(Column 3)
AMENDMENT W	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRES- ENT EXTRA	RATE (\$)
Total (37 CFR 1.16(j))	minus	**	=	ADDI- TIONAL FEE (\$)
Independent (37 CFR 1.16(j))	minus	***	=	X
Application Size Fee (37 CFR 1.16(i))				X
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))				N/A
AMENDMENT X			TOTAL ADD'L FEE	
(Column 1)			(Column 2)	
AMENDMENT X			(Column 2)	(Column 3)
AMENDMENT X	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRES- ENT EXTRA	RATE (\$)
Total (37 CFR 1.16(j))	minus	**	=	ADDI- TIONAL FEE (\$)
Independent (37 CFR 1.16(j))	minus	***	=	X
Application Size Fee (37 CFR 1.16(i))				X
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))				N/A
AMENDMENT Y			TOTAL ADD'L FEE	
(Column 1)			(Column 2)	
AMENDMENT Y			(Column 2)	(Column 3)
AMENDMENT Y	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRES- ENT EXTRA	RATE (\$)
Total (37 CFR 1.16(j))	minus	**	=	ADDI- TIONAL FEE (\$)
Independent (37 CFR 1.16(j))	minus	***	=	X
Application Size Fee (37 CFR 1.16(i))				X
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))				N/A
AMENDMENT Z			TOTAL ADD'L FEE	
(Column 1)			(Column 2)	
AMENDMENT Z			(Column 2)	(Column 3)
AMENDMENT Z	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRES- ENT EXTRA	RATE (\$)
Total (37 CFR 1.16(j))	minus	**	=	ADDI- TIONAL FEE (\$)
Independent (37 CFR 1.16(j))	minus	***	=	X
Application Size Fee (37 CFR 1.16(i))				X
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))				N/A

* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.
 ** If the Highest Number Previously Paid For IN THIS SPACE is less than 20, enter "20".
 *** If the Highest Number Previously Paid For IN THIS SPACE is less than 3, enter "3".
 The Highest Number Previously Paid For (Total or Independent) is the highest number found in the appropriate box in column 1.

This collection of information is required by 37 CFR 1.16. The information is required to obtain or retain a benefit by the public which is to be (and by USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete including preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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